

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Assistant Commissioner For Patents  
Box Patent Application  
Washington, D. C. 20231

Dear Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s): MACKIEWICH, Blair T. et al.  
Title: METHOD AND APPARATUS FOR IMPLEMENTING POINT-TO-MULTIPOINT COMMUNICATIONS OVER A CONNECTION-BASED DATA COMMUNICATION NETWORK

Enclosed are:

- [X] 15 pages of specification, 11 pages of claims, abstract and a Combined Declaration and Power of Attorney.
- [X] 4 sheets of drawings.
- [X] Nonpublication Request Under 35 USC 122(b)(2)(B)(i).

For	CLAIMS AS FILED		Rate	Basic Fee
	Number Filed	Number Extra		
Total Claims	48 - 20 =	28	\$18	\$740.00
Independent Claims	4 - 3 =	1	\$84	\$504.00
Multiple Dependent Claim Fee			\$280	\$ 84.00
BASIC FEE (37 CFR 1.16)				\$
Reduction by 50% for filing by small entity (Note 37 CFR 1.27)				\$1328.00
TOTAL FILING FEE				\$
				\$1328.00

- [X] The Commissioner is hereby authorized to charge any additional fees which may be required in connection with the filing of this application and recording any assignment filed herewith, or credit over-payment, to Account No. 02-1037.
- [X] The Commissioner is hereby authorized to charge the indicated fees of US\$1328 (for the filing fee) or credit over-payment, to Account No. 02-1037.
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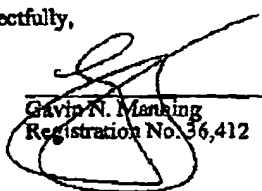
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Respectfully,

By:

  
Gavin N. Manking  
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Date: 6 December, 2001

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